

CONTENTS TO VOLUME 55

Vol. 55 No. 1 October 1991

BASILE PETROPOULOS and CONSTANTINE POULAKOS / The Distribution of Solar Flares and Probable Relations to Biological Effects	1
MOHAMMED ADEL SHARAF, MERVAT EL-SAYED AWAD, and SAMIHA AL-SAYED ABDULLAH NAJMULDEEN / The Motion of Artificial Satellites in the Set of Eulerian Redundant Parameters	21
J. KLAČKA / Asteroidal Jet-Stream Flora A	45
JAFAR ARKANI-HAMED / The Thermal State of the Venusian Mantle	51
Letter to the Editor	
KENT D. TREGO / Multiple-Impact Mechanisms on Venus and Other Solid Planets and Satellites	69
Book Review	
R. L. Newburn Jr., M. Neugebauer, and J. Rahe (eds.), <i>Comets in the Post-Halley Era</i> (GERHARD J. HAHN)	73
E. B. Carling, Z. Kopal, and F. B. Waranius / Bibliography	75

Vol. 55 No. 2 November 1991

D. A. SENSKE, D. B. CAMPBELL, J. W. HEAD, P. C. FISHER, A. A. HINE, A. DECHARON, S. L. FRANK, S. T. KEDDIE, K. M. ROBERTS, E. R. STOFAN, J. C. AUBELE, L. S. CRUMPLER, and N. STACY / Geology and Tectonics of the Themis Regio-Lavinia Planitia-Alpha Regio-Lada Terra Area, Venus: Results from Arecibo Image Data	97
D. A. SENSKE, D. B. CAMPBELL, E. R. STOFAN, P. C. FISHER, J. W. HEAD, N. STACY, J. C. AUBELE, A. A. HINE, and J. K. HARMON / Geology and Tectonics of Beta Regio, Guinevere Planitia, Sedna Planitia, and Western Eistla Regio, Venus: Results from Arecibo Image Data	163

Vol. 55 No. 3 December 1991

P. M. PAPAElias / Energy Deposition in Antimatter Meteors	215
MOHAMMED ADEL SHARAF, MERVAT EL-SAYED AWAD, and SAMIHA AL-SAYED ABDULLAH NAJMULDEEN / Motion of Artificial Satellites in the Set of Eulerian Redundant Parameters, II	223

E. B. CARLING, Z. KOPAL, and F. B. WARANIUS / Bibliography	233
Erratum: Volume 54: 103-117, 1991	301
Volume Contents	303
Author Index	305

